UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ramabadran S. Raghavan et al.

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Serial No.:

10/628,825

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Filed:

July 28, 2003

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For:

ACCESS NETWORK UNIT

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BASE STATION

Group Art Unit:

2683

Examiner:

Ferguson, Keith

Atty. Docket: LUCW:0002/FLE/HOF

Kansal 1-5

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 CERTIFICATE OF TRANSMISSION OR MAILING 37 C.F.R. 1.8

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February 9, 2006

Date

David M. Hoffman

Sir:

INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. §§ 1.97(c) AND 1.98

In compliance with the duty of disclosure under 37 C.F.R. § 1.56(a), it is respectfully requested that this Information Disclosure Statement be entered and that the listed references be considered by the Examiner and made of record. Applicants note that, due to recent amendments to 37 C.F.R. § 1.98(a), copies of the listed domestic references are no longer required to be submitted to the Examiner.

In accordance with 37 C.F.R. § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made, as an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b), or

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as a representation that no other possibly material information, as defined in 37 C.F.R. § 1.56(b), exists.

Furthermore, the references listed on the attached PTO/SB/08 Forms are not to be construed as an admission that these references qualify as prior art as to the above-referenced application or any related application. Rather, these references are being presented for the Examiner's consideration without prejudice to the right to demonstrate that any of these references do not qualify as prior art should the Examiner choose to apply any of these references.

The following information is listed on the attached PTO/SB/08 Forms in accordance with 37 C.F.R. §1.98. Any explanation of non-English language documents contained in this Information Disclosure Statement is believed to constitute a concise explanation of the relevance of the listed reference as it is presently understood by the individual designated in § 1.56(c) most knowledgeable about the content of the listed reference, in accordance with 37 C.F.R. § 1.98(a)(3).

In accordance with 37 C.F.R. §1.97(c) a fee of \$180.00 is due for the present Information Disclosure Statement. Payment for this fee is remitted by the attached PTO-2038. The Commissioner is authorized to charge any missing fee, and any additional fee which may be required, to Deposit Account No. 06-1315; Order No. LUCW:0002/FLE-Kansal 1-5.

Respectfully submitted,

Date: February 9, 2006

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Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/628,825			
Filing Date	July 28, 2003			
First Named Inventor	Ramabadran S. Raghavan			
Art Unit	2683			
Examiner Name	Ferguson, Keith			
Attorney Docket Number	ILUCW 0002 - Kansal 1-5			

				F DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1A	^{US-} 6,104,917	08-15-2000	Veli-Pekka Ketonen	
	2A	US- 2002/0038353	03-28-2002	Osamu Yamamoto	•
	3A	^{US-} 6,631,410	10-07-2003	John Michael Kowalski et al.	
	4A	^{US-} 6,741,861	05-25-2004	Paul E. Bender et al.	
_	5A	^{US-} 2005/0014509	01-20-2005	William M. Semper et al.	
	6A	^{US-} 6,931,102	08-16-2005	Arthur E. Onweller et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	ľ
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Signature		Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application for the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO				Application Number	10/628,825	
INFORMATION DISCLOSURE				Filing Date	July 28, 2003	
STATEMENT BY APPLICANT (Use as many sheets as necessary)			PPLICANT	First Named Inventor	Ramabadran S. Raghavan	
			ocoseand	Art Unit	2683	
(050 as many shoets as nocessary)		Examiner Name	Ferguson, Keith			
Sheet	2	of	2	Attorney Docket Number	LUCW:0002 - Kansal 1-5	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1B	CARL G. EILERS and GARY SGRIGNOLI, Reradiation (Echo) Analysis of a Tapered Tower Section Supporting a Side-Mounted DTV Broadcast Antenna and the Corresponding Azimuth Pattern, IEEE Transactions on Broadcasting, Vol. 47, No. 3, September 2001, pages 249-258	

Examiner	Date	
Signature	Considered	1111111

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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